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substitute for form 1449/PTO

Sheet 1

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Col	mplete if Known
Application Number	10/810,380
Filing Date	03-26-2004
First Named Inventor	Mitchell, Matthew P.
Art Unit	3744
Examiner Name	
Attorney Docket Number	COMBO1

			U. S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (7 known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
no		<sup>US-</sup> 4,722,201	02-02-1988	Hofler, Thomas J.,	Col. 5, II. 49-51
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		FORE	IGN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Π
		Country Code <sup>3</sup> Number <sup>4</sup> 'Kind Code <sup>5</sup> (if known)	MM-OD-YYYY		Or Relevant Figures Appear	Tº
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known **Application Number** 10/810,380 Filing Date 03-26-2004 First Named Inventor Mitchell, Matthew P. Art Unit Examiner Name

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Attorney Docket Number | COMBO1

			U. S. PATEN	F DOCUMENTS	- ""
Examiner Initials*	Cite No.	Document Number  Number-Kind Code <sup>2 (8 known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
no		<sup>US-</sup> 6,644,038	11-11-2003	Acharya, et al.	Whole patent
20		<sup>US-</sup> 6,637,211	10-28-2003	Swift, et al.	Figs. 6A, 6B, 7B, 8B
		US-			Col. 2, I. 48 -
		US-			Col. 4, I. 56;
		US-			Col. 6, I. 22-
		US-			Col. 13, i. 30
20-		us- 6,595,007	07-22-2003	Amano	Fig. 2;
		us-			Col. 4, Il. 45-54
2	F-	us- 6,532,748	03-18-2003	Yuan, et al.	Whole patent
2	-	<sup>US-</sup> 6,376,943	04-23-2002	Gamble, et al.	Whole patent
20	-	<sup>US-</sup> 6,625,992	09-30-2003	Maguire, et al.	Whole patent
22	F	<sup>US-</sup> 6,082,117	07-04-2000	Funatsu, et al.	Figs. 1-3;
		US-			Cal. 2, II. 36-53
20	-	us- 6,070,414	06-06-2000	Ross, et al.	Figs. 1-4
		US-			Col. 1, I. 7 -
		US-			Col. 6, 1. 7
200	_	us- 5,953,920	09-21-1999	Swift, et al.	Figs. 1C, 2
25		<sup>US-</sup> 5,791,149	08-11-1998	Dean	Figs 1, 2
	l	US-			Col. 3, II. 28-38

		FORE	IGN PATENT DOCU	MENTS		
Examinar Initiats*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Γ
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Application Number. 140(940, 280)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Col	mplete if Known	•
Application Number	10/810,380	
Filing Date	03-26-2004	
First Named Inventor	Mitchell, Matthew P.	
Art Unit	3744	
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Examiner Cite No.	Cits	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
	Number-Kind Code <sup>2 (F trown)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	
25		<sup>US-</sup> 5,689,959	11-25-1997	Yatsuzuka, et al.	Figs. 1-3; P. 1,
		US-			Abstract.
20	-	us- 3,237,421	03-01-1966	Gifford	Figs. 5-6
		US-			Col. 2, I. 57-
		US-			Col. 3, I. 42.
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Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 144 TOTALO **Application Number** 10/810,380 INFORMATION DISCLOSURE Filing Date 03-26-2004 STATEMENT BY APPLICANT First Named Inventor Mitchell, Matthew P. Art Unit 3744 (Use as many sheets as necessary) **Examiner Name** Attorney Docket Number Sheet 3 COMBO1

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
en	C1	EXAIR CORPORATION, Catalogue 17, (2000) p. 74.	
w	C2	ACKERMANN, R. A. et al., "Cryogenic Refrigerator Evaluation for Medical and Rotating Machine Applications," Cryocoolers 12 (06-18-2002) pp. 805-811, esp. Figs. 5-6.	
25	С3	CERIDON, K. M., et al., "Remote Cooling with a G-M Cryocooler by Use of Cold Electromagnetic Valves Driving an External Flow Loop," Cryocoolers 11, (06-20-2000), pp. 393-400.	
ns	C4	FLECK, U., et al., "Cooling of HTS Applications in the Temperature Range of 66 K to 80 K," Advances in Cryogenic Engineering 47A (07-16-2001) pp. 188-195, esp. Fig. 1.	
W	C5	PERIN, A., "Study of Materials and Adhesives for Superconducting Cable Feedthroughs," Advances in Cryogenic Engineering 47A (07-16-2001), pp. 551-558.	
hn	C6	CHEN, G. B., "Investigation of a Near-63K Isothermal in a Pulse Tube Refrigerator with He-N2 Mixtures," Advances in Cryogenic Enging 47A(07-16-2001), pp. 855-862, esp. Fig. 7.	
25	С7	KASTHURIRENGAN, S., et al., "Reduction of Convection Heat Losses in Low Frequency Pulse Tube Coolers with Mesh Inserts," Advances in Cryo. Eng'g 45A,(7/12/1999) pp. 135-142.	
no	C8	IYENGAR, K. S., "Effect of Heat Transfer on Cooling of Current Leads," Advances in Cryogenic Engineering 43B (07-28-1997), pp. 1351-1357, esp. Fig. 1.	

	Examiner Signature	Will	CDap h	Date Considered	8-16-06
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